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NOVEMBER 19, 2001

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TODD E. GARABEDIAN
ONE CENTURY TOWER
NEW HAVEN, CT 06508-1832



101850155A

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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ASSIGNOR:
HANGELAND, JON

DOC DATE: 09/04/2001

ASSIGNOR:
ZHANG, MINSHENG

DOC DATE: 09/04/2001

ASSIGNOR:
CARINGAL, YOLANDA

DOC DATE: 09/04/2001

ASSIGNOR:
RYONO, DENIS

DOC DATE: 09/04/2001

ASSIGNOR:
LI, YI-LIN

DOC DATE: 08/20/2001

ASSIGNOR:
MALM, JOHAN

DOC DATE: 08/20/2001

ASSIGNOR:
LIU, YE

DOC DATE: 08/22/2001

012165/0429 PAGE 2

ASSIGNOR:

GARG, NEERAJ

DOC DATE: 08/20/2001

ASSIGNOR:

LITTEN, CHRIS

DOC DATE: 08/20/2001

ASSIGNOR:

COLLAZO, ANA MARIA GARCIA

DOC DATE: 08/22/2001

ASSIGNOR:

KOEHLER, KONRAD

DOC DATE: 08/22/2001

ASSIGNEE:

KARO BIO AB

NOVUM, S-141 57

HUDDINGE, SWEDEN

SERIAL NUMBER: 09868889

FILING DATE: 09/14/2001

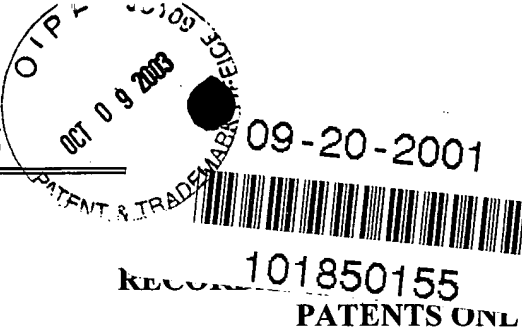
PATENT NUMBER:

ISSUE DATE:

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ASSIGNMENT DIVISION
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09-20-2001

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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

1. JON HANGELAND 2. MINSHENG ZHANG

3. YOLANDA CARINGAL 4. DENIS RYONO

5. YI-LIN LI 6. JOHAN MALM

7. YE LIU 8. NEERAJ GARG

9. CHRIS LITTEN 10. ANA MARIA GARCIA COLLAZO

11. KONRAD KOEHLER

2. Name & address of receiving party(ies):

Name: KARO BIO AB
Novum, S-141 57
Huddinge, Sweden

Additional names & addresses attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ ASSIGNMENT ☐ OtherExecution date(s): (1) September 4, 2001 (2) September 4, 2001 (3) September 4, 2001 (4) September 4, 2001 (5) August 20, 2001
(6) August 20, 2001 (7) August 22, 2001 (8) August 20, 2001 (9) August 20, 2001 (10) August 22, 2001
(11) August 22, 20014. Application Number(s) or Patent Number(s) 09/868,889

If this document is being filed together with a new application, the execution date of the Application is: _____

A. Patent Application No.(s)

U.S. Serial No.: 09/868,889

B. Patent No.(s)

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: TODD E. GARABEDIAN, Ph.D.
WIGGIN & DANA
ONE CENTURY TOWER, NEW HAVEN,
CONNECTICUT 06508-1832

6. Total number of applications and patents involved: { 1 }

7. Total Fee (37 CFR 3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to Deposit Account8. Deposit Account No: 23-1665 (Attach duplicate copy of this page if paying by Deposit Account)

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Todd E. Garabedian, Ph.D.
Name of person signing

Signature

Date: 10 SEPT 2001

Total number of pages comprising cover sheet { 1 }

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ASSIGNMENT

WHEREAS, WE: **JON HANGELAND, MINSHENG ZHANG, YOLANDA CARINGAL, DENIS RYONO, YI-LIN LI, JOHAN MALM, E LIU, NEERAG GARG, CHRIS LITTEN, ANA MARIA GARCIA COLLAZO and KONRAD KOEHLER**, residing at 234 Louise Drive, Morrisville, PA 19067; 31 Scheurman Terrace, Warren, NJ 07059; 24 Coral Tree Ct., Lawrenceville, NJ 08648; 28; 28 Marion Road West, Princeton, NJ 08540; Kallbrinksvagen 38C, S-141 31, Huddinge, Sweden; Korsangarvagan 53, S-142 40, Skogas, Sweden; Smedvagen 23, S-146 36, Tullinge, Sweden; Barkvagen 15, S-147 52, Tumba, Sweden; Stubbestigen 6, S-147 52, Tumba, Sweden; Moregatan 10 S-118 27, Stockholm, Sweden; and Visatravagen 27, S-141 50, Huddinge, Sweden, respectively,

have invented certain new and useful improvements in

NOVEL THYROID RECEPTOR LIGANDS AND METHOD

Which WE:

- () have executed an application for Letters Patent of the United States of even date herewith;
- (X) have filed an application for Letters Patent of the United States on June 20, 2001 under Serial No. 09/868,889 and not amended.


WHEREAS, **KARO BIO AB** of Huddinge, Sweden is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **KARO BIO AB**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvement to the said **KARO BIO AB**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

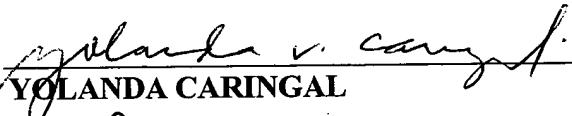
AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

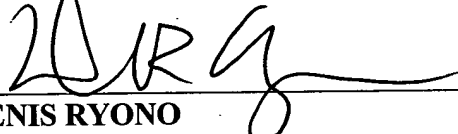
AND WE HEREBY further covenant and agree that we will communicate to said **KARO BIO AB**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **KARO BIO AB**, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, WE hereunto set our hand and seal the day and year set opposite our signatures.

Date: 4 September, 2001  L.S.
JON HANGELAND


Date: 4 September, 2001  L.S.
MINSHENG ZHANG

Date: 4 Sept, 2001  L.S.
YOLANDA CARINGAL

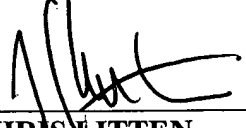
Date: 4 Sep, 2001  L.S.
DENIS RYONO


Date: 20 Aug., 2001  L.S.
YI-LIN LI

Date: 20 Aug., 2001  L.S.
JOHAN MALM

Date: 22 - Aug, 2001  L.S.
YE LIU

Date: 20 Aug, 2001  L.S.
NEERAJ GARG

Date: 20 Aug, 2001  L.S.
CHRIS LITTEN

Date: 22 August, 2001  L.S.
ANA MARIA GARCIA COLLAZO

Date: 22 August, 2001  L.S.
KONRAD KOEHLER